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March 13, 2008

TO: Members of the MAG Water Quality Advisory Committee

FROM: Roger Klingler, City of Scottsdale, Chair

SUBJECT: MEETING NOTICE AND TRANSMITTAL OF TENTATIVE AGENDA

Thursday, March 20, 2008 - 3:30 p.m.
MAG Office, Suite 200 - Saguaro Room
302 North 1st Avenue, Phoenix

Please park in the garage underneath the building. Bring your ticket to the meeting; parking will be validated. For those using transit, the Regional Public Transportation Authority will provide transit tickets for your trip. For those using bicycles, please lock your bicycle in the bike rack in the garage.

Pursuant to Title II of the Americans with Disabilities Act (ADA), MAG does not discriminate on the basis of disability in admissions to or participation in its public meetings. Persons with a disability may request a reasonable accommodation, such as a sign language interpreter, by contacting Jason Stephens at the MAG office. Requests should be made as early as possible to allow time to arrange the accommodation.

Members of the MAG Water Quality Advisory Committee may attend in person, by videoconference or by telephone conference call. Those attending by videoconference must notify the MAG site three business days prior to the meeting.

Please be advised that under procedures approved by the MAG Regional Council, all MAG committees need to have a quorum to conduct the meeting. A quorum is a simple majority of the membership. If you are unable to attend the meeting, please make arrangements for a proxy from your entity to represent you.

TENTATIVE AGENDA

COMMITTEE ACTION REQUESTED

1. Call to Order

2. Agenda Announcements

3. Call to the Audience

An opportunity will be provided to members of the public to address the Water Quality Advisory Committee on items not scheduled on the agenda that fall under the jurisdiction of MAG, or on items on the agenda for discussion but not for action. Members of the public will be requested not to exceed a three minute time period for their comments. A total of 15 minutes will be provided for the Call to the Audience agenda item, unless the Water Quality Advisory Committee requests an exception to this limit. Please note that those wishing to comment on action agenda items will be given an opportunity at the time the item is heard.

4. Approval of the February 13, 2008 Meeting Minutes

5. Draft Small Plant Review and Approval for the Preserve at Goldfield Ranch Water Reclamation Facility

On October 2, 2007, Maricopa County sent a letter to MAG requesting that MAG review the proposed Preserve at Goldfield Ranch Water Reclamation Facility through the Small Plant Review and Approval Process of the MAG 208 Water Quality Management Plan. The Fort McDowell Yavapai Nation (Nation) and Salt River Pima-Maricopa Indian Community (Community) are within three miles of the project and both have expressed concern about the Draft Small Plant Review and Approval for the proposed facility.

2. For information.

3. For information.

4. Review and approve the February 13, 2008 meeting minutes,

5. Review and make a recommendation on the Draft 208 Small Plant Review and Approval for the proposed Preserve at Goldfield Ranch Water Reclamation Facility as part of the MAG 208 Plan.

On October 22, 2007, the MAG Water Quality Advisory Committee tabled the Draft Small Plant Review and Approval for 60 days to allow the applicant to work cooperatively with the Fort McDowell Yavapai Nation to address the concerns raised by the Nation in its October 2, 2007 letter and to also work cooperatively with the Salt River Pima-Maricopa Indian Community. In addition, the Committee requested additional detail on the Preserve at Goldfield Ranch Water Reclamation Facility.

On December 21, 2007, the MAG Water Quality Advisory Committee reviewed the additional detail on the facility and received an update on the communication between the Goldfield Preserve and Indian Communities to resolve the issues. The Fort McDowell Yavapai Nation indicated that it had met with the Goldfield Preserve; however, its questions had not been addressed. The Salt River Pima-Maricopa Indian Community stated that it had requested and received documentation regarding the project; however, due to limited review time, the Community was not satisfied that the proposed development/facility would not impact its underground and surface water resources. At the meeting, the Committee continued the Draft Small Plant Review and Approval for 90 days with a goal of encouraging the parties to begin their first meeting within 30 days.

Since the December 21, 2007 meeting, the Goldfield Preserve has met with the Fort McDowell Yavapai Nation and Salt River Pima-Maricopa Indian Community. On February 29, 2008, Maricopa County sent a letter to MAG indicating that the Draft Small Plant Review and Approval has been revised to address issues raised by the Fort McDowell Yavapai Nation. The correspondence between the Goldfield Preserve and Indian Communities has been provided in

Appendix F of the revised document. The Indian Communities continue to express concern about the project.

The proposed facility would have an ultimate capacity of 400,000 gallons per day and reclaimed water would be disposed of through reuse and recharge. Please refer to the enclosed material.

6. Call for Future Agenda Items

The Chairman will invite the Committee members to suggest future agenda items.

6. For information and discussion.

MINUTES OF THE
MARICOPA ASSOCIATION OF GOVERNMENTS
WATER QUALITY ADVISORY COMMITTEE MEETING

Wednesday, February 13, 2008
MAG Office Building
Phoenix, Arizona

MEMBERS ATTENDING

Roger Klingler, Scottsdale, Chair	* Stephen Bontrager, Peoria
* Marilyn DeRosa, Avondale	Robert Hollander, Phoenix
Lucky Roberts, Buckeye	Rich Williams Sr., Surprise
# Jacqueline Strong, Chandler	* David McNeil, Tempe
# Dave Emon, El Mirage	Kevin Chadwick, Maricopa County
# Lonnie Frost, Gilbert	* John Boyer, Pinnacle West Capital
Chris Ochs, Glendale	* Ray Hedrick, Salt River Project
Sandra Rode for David Iwanski, Goodyear	Erin Taylor, U of A Cooperative Extension
# Bill Haney, Mesa	

*Those members neither present nor represented by proxy.

#Attended by telephone conference call.

OTHERS PRESENT

David Johnson, Town of Buckeye	Nathan Pryor, Maricopa Association of Governments
Tim Keenan, Montage Holdings	Julie Hoffman, Maricopa Association of Governments
Steve Todd, Wilson Engineers	Patrisia Magallon, Maricopa Association of Governments
Edwina Vogan, Arizona Department of Environmental Quality	
Jerry Copeland, Entellus Inc.	

1. Call to Order

A meeting of the MAG Water Quality Advisory Committee was conducted on Wednesday, February 13, 2008. Roger Klingler, City of Scottsdale, Chair, called the meeting to order at approximately 4:14 p.m. Bill Haney, City of Mesa; Jacqueline Strong, City of Chandler; Lonnie Frost, Town of Gilbert; and Dave Emon, City of El Mirage, attended the meeting via telephone conference call.

2. Agenda Announcements

Chair Klingler provided an opportunity for member agencies to report on activities of interest in their agencies.

3. Call to the Audience

Chair Klingler provided an opportunity for members of the public to address the Committee on items not scheduled on the agenda that fall under the jurisdiction of MAG or items on the agenda for discussion but not for action. No members of the public indicated that they wished to address the Committee.

4. Approval of the December 13, 2007 Meeting Minutes

The Committee reviewed the minutes from the December 13, 2007 meeting. Chris Ochs, City of Glendale, moved and Robert Hollander, City of Phoenix, seconded, and the motion to approve the December 13, 2007 meeting minutes carried unanimously.

5. Approval of the December 21, 2007 Meeting Minutes

The Committee reviewed the minutes from the December 21, 2007 meeting. Rich Williams, City of Surprise, moved and Kevin Chadwick, Maricopa County, seconded, and the motion to approve the December 21, 2007 meeting minutes carried unanimously.

6. Public Hearing - Draft MAG 208 Water Quality Management Plan Amendment for the City of Goodyear Sonoran Valley Planning Area

Chair Klingler opened the Public Hearing on the Draft MAG 208 Water Quality Management Plan Amendment for the City of Goodyear Sonoran Valley Planning Area. He indicated that the hearing would begin with a briefing on the project, followed by an opportunity for hearing participants to make comments on the draft 208 plan amendment for the public record. He added that a Court Reporter was present to provide an official record of the hearing and written comments were also welcome. Chair Klingler invited members of the public wishing to provide comments to fill out a yellow card and submit it to MAG staff. Chair Klingler stated that Steve Todd, Wilson Engineers, would provide a briefing on the Sonoran Valley Planning Area 208 Plan Amendment.

Mr. Todd provided an overview of the Sonoran Valley Planning Area. He stated that the Sonoran Valley Planning Area is broken into two different geographic areas called the Northern Area and the Southern Area. He presented a map that outlined the Municipal Planning Area (MPA) for the City of Goodyear. Mr. Todd indicated that the purpose for the 208 Amendment was to incorporate the regional wastewater plants planned in the Sonoran Valley Planning Area portion of the Goodyear MPA. He noted that the land use plan used in the last presentation was the July 2006 Land Use Plan that Goodyear had developed for the planning area. Mr. Todd stated that the City of Goodyear has since adopted a January 2007 Land Use Plan. He mentioned that changes were made to some of the tables and figures in the 208 Amendment to reflect the January 2007 Land Use Plan which were provided to the Committee. Mr. Todd stated that the changes in the January 2007 Land Use Plan were minor and did not impact plant locations or plant capacities.

Mr. Todd presented a map of the Northern Area. He stated that there is a large area of Bureau of Reclamation land that is in the Goodyear General Plan to be undeveloped and to remain as open land, which separates the Northern and Southern Areas. He added that based on the topography in the area, flows will go from south to north. Mr. Todd mentioned that the Northern Area is 17 square

miles and projected to have approximately 15,900 housing units with a population of about 42,700 people. He stated that one water reclamation facility (WRF) is planned to serve the Northern Area with a capacity of 4.75 million gallons per day (MGD). Mr. Todd added that a gravity sewer collection system would be routed to that treatment plant. In addition, there would be one lift station located at the plant to lift the flows up into the plant. He mentioned that all effluent from the facility would be reused or recharged. Mr. Todd indicated that the City of Goodyear is also planning to obtain a National Pollutant Discharge Elimination System (NPDES) permit as a backup to the other planned uses of the effluent.

Mr. Todd presented a map for the Southern Area of the Sonoran Valley Planning Area. He stated that the Southern Area would have three water reclamation facilities. Mr. Todd added that the main plant is referred as the Southern Regional Water Reclamation Facility and would be sized to serve the entire area. He mentioned that the majority of the flows in the area could get to that WRF by gravity; however, some portions may need to be pumped. He noted that there would be two pump stations in the area. Mr. Todd stated that in addition to the Southern Regional WRF, the City of Goodyear plans to also have two scalping package plants in the Southern Area. He added that one plant is referred to as the Section 23 WRF which will serve the initial phases of development until the regional plant comes online. Mr. Todd stated that the plant would then only treat the flows necessary for the local effluent uses. He indicated that a similar plan will be used for the plant that is referred to as the Section 28 WRF which would be in a commercial area. Mr. Todd stated that the Southern Area is 52 square miles and is planned to have approximately 70,800 housing units with a population of 189,800 people.

Mr. Todd continued to discuss the three facilities in the Southern Area. He indicated that the Section 23 WRF and Section 28 WRF are planned to be 600,000 gallons a day reclamation plants to serve the effluent needs of the local area. Mr. Todd mentioned that the Southern Regional Plant would be sized at 24 mgd to serve the entire Southern Area. He noted that the Southern Regional Plant could serve the entire Southern Area even if the smaller plants are decommissioned. Mr. Todd indicated that the Southern Area would have a gravity sewer collection system with two lift stations. He stated that all of the effluent from the Southern Area water reclamation facilities will be reused or recharged. Mr. Todd added that a NPDES permit is also planned for the three facilities as a backup option. He showed where the planned gravity sewer collection system will be in the area. He commented on the topography and showed that gravity would take the flows to the regional plant.

Mr. Todd stated that there is sparse development in the Sonoran Valley Planning Area, primarily along the corridor of Highway 238, which is currently being served with septic systems. He added that there is no other wastewater treatment in the area. Mr. Todd indicated that the plan is that as the gravity sewer collection system expands, any local development in the area on septic systems would be phased out and connect to the regional sewers and plant. He noted that the sewers and Southern Regional WRF were sized to serve the entire Southern Area. Mr. Todd commented on the reclaimed water system and indicated that the intent is to reuse all of the wastewater from the plants. Mr. Todd mentioned that the plan for reuse will be for irrigation of parks, schools, and large common areas. He stated that 16 nonpotable water users have been identified in the first phase of development. Mr. Todd added that when irrigation demands are low in the winter time, the plan is to build groundwater recharge facilities to recharge all of the excess effluent that is not used for irrigation. He indicated that there are four groundwater recharge facilities planned for the area.

Mr. Todd presented a map of the nonpotable water piping distribution system. He stated that the Section 23 WRF, Section 28 WRF and the Southern Regional WRF would be connected to the nonpotable distribution system. In addition, the main users that have been identified are adjacent to the piping system. Mr. Todd presented the location of the recharge facilities planned.

Chair Klingler provided an opportunity for Committee questions regarding the project. He stated that at this time public comments are invited. Chair Klingler requested that the speakers please adhere to the three minute time limit.

Chair Klingler recognized public comment from Tim Keenan, Montage Holdings. Mr. Keenan indicated that he is a partner with Montage Holdings which is the majority land holder in the area. He stated that Montage Holdings owns approximately 10,000 of the 25,000 developable acres in the area. Mr. Keenan indicated that Montage Holdings is in full support of the MAG 208 Water Quality Management Plan Amendment for the City of Goodyear Sonoran Valley Planning Area.

Chair Klingler provided an opportunity for the Committee to discuss or ask any questions while the public hearing was open. Hearing none, he then closed the public hearing and requested that the Court Reporter end the transcription.

7. Draft MAG 208 Water Quality Management Plan Amendment for the City of Goodyear Sonoran Valley Planning Area

Chair Klingler indicated that the Committee is requested to recommend approval of the Draft MAG 208 Water Quality Management Plan Amendment for the City of Goodyear Sonoran Valley Planning Area. He provided an opportunity for discussion and consideration of public comments received.

Mr. Hollander commented on the scalping plants being built first and then the construction of the regional facility occurring as flows increased. He asked what type of mechanism would be used to determine when the construction of the regional facility would commence. He inquired on the capacity that the scalping plants would have to reach before initiating the construction of the regional facility. Mr. Todd replied that there is not a specific mechanism. However, flow projections were performed related to the potential rate of development in the initial phase and how fast the flows would increase at the Section 23 plant. Mr. Todd added that those projections were used as the basis for determining when the regional plant would need to come online. He indicated that those proposed timelines are provided in the amendment.

Chair Klingler inquired about the Bureau of Land Management (BLM) land in the area. Mr. Todd presented the locations of BLM land in the area. He stated that in the planning area, federal land was designated as open space and not to be developed. Chair Klingler inquired if the land would remain as open space. Mr. Todd responded yes, based on the Goodyear General Plan. Mr. Keenan stated that when the 64 square miles in the area were annexed, the land was designated as open space that would not be developed. Chair Klingler inquired if the population projected included that land. Mr. Keenan replied no.

Chair Klingler asked if there were any other questions from the Committee. Mr. Hollander moved to recommend approval of the Draft MAG 208 Water Quality Management Plan Amendment for the

City of Goodyear Sonoran Valley Planning Area. Lucky Roberts, Town of Buckeye, seconded and it was unanimously passed through a roll call vote by the Committee.

8. Call for future Agenda Items

Chair Klingler asked for any suggestions for future agenda items. He commented on the Draft Small Plant Review and Approval for the Preserve at Goldfield Ranch WRF. Chair Klingler indicated that the Committee has directed the parties to take 90 days and work out the issues. He stated that there has been requests to have a discussion with the Committee. Chair Klingler added that one thought was the possibility of a work session where the Committee could go over the issues. He inquired if the Committee would be interested in a work session and if they would like to have that discussion before the end of the 90 day continuance. Mr. Hollander commented that the issue with the Goldfield Preserve project is complex and a lot of emotions are involved. He added that it would be valuable if the Committee could get together to discuss the 208 issues. Mr. Hollander commented that the Committee could also discuss its obligations and the role of other agencies so the Committee has a better understanding when making a decision.

Chair Klingler suggested having the parties participate in a work session so the Committee can ask them questions. He mentioned that some of the comments have been limited to three minutes in the past, and the Committee may have more questions on those comments. Chair Klingler stated that he was interested in seeing if the work session could have been part of the meeting today; however, there were schedule conflicts. He added that the Committee could also talk about the 208 process as mentioned by Mr. Hollander. Chair Klingler stated that he interested in more facts of the project.

Ms. Roberts inquired about an update to see if a discussion between the parties has taken place. She stated that there is no point of a work session if the parties have not met. Chair Klingler responded that the work session would get the parties together to have a discussion. Mr. Ochs suggested having the parties get together at the midpoint of the 90 days and provide an update to the Committee on where they are at versus a fact-finding session. Mr. Hollander commented that he hopes the parties got the message that they need to go back and meet to discuss the issues. He stated that one of the complications he observed was that one party was requesting a lot of information with no end. He added that there has to be some parameters in which decisions are made. Mr. Hollander commented that the item cannot continue forever.

Mr. Chadwick stated that it is probably now the midpoint of the 90 days. He commented on the Committee working adequately on the matter. Mr. Chadwick also mentioned that last time the Committee felt the parties needed to go back and do more work which was not well defined other than to work together to resolve the issue. He indicated that the parties do not have a common goal, which is problematic.

Ms. Roberts mentioned that if a work session was arranged, the Committee could ask the parties to bring an agenda of what they have done in the last 90 days. She added that if the information requested by the Committee was not provided then the Committee should move forward. Chair Klingler stated that his expectation without the work session would be that the parties would have to come in after the 90 days and explain what they have done, and the Committee would have to make a decision at that time. He commented on there not being interest in continuing the issue. He added that the Committee has given the parties two extensions to work out the issues. Chair Klingler

stated that he hopes there has been progress and asked if the Committee wants a middle discussion. He suggested that MAG staff check on the progress with the parties, and if there has not been much progress, the Committee could decide not to have the work session or discuss it further.

Mr. Ochs expressed that he did not want the Committee meeting to turn into a mediation session. He suggested meeting with the parties at the midpoint and see how close they are to resolution of the issues. Mr. Ochs added that it is also fine with him if the parties are ready to move forward. Chair Klingler commented on no mutual goal. He added that one side may be ready to move forward and the other side may not be ready. Chair Klingler commented that the Committee has explained to the parties previously that if both sides are willing to have a discussion, the Committee is willing to meet. However, the parties have not agreed to a work session to date. Chair Klingler requested that MAG staff obtain an update on where the parties are with the issues.

Chair Klingler asked for suggestions on any other future agenda items. With no further comments, Chair Klingler thanked the Committee for participating and called for adjournment of the meeting at 4:45 p.m.



Maricopa County

Environmental Services
Water and Waste Management Division

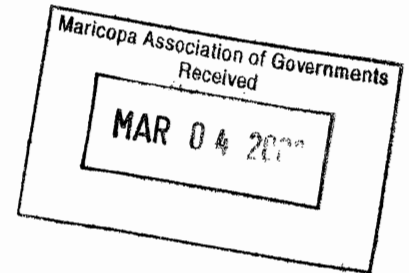
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February 29, 2008

Maricopa Association of Governments
302 North 1st Avenue, Suite 300
Phoenix, AZ 85003

Attention: Ms. Lindy Bauer, Environmental Director

Re: The Preserve at Goldfield Ranch Water Reclamation Facility
Clean Water Act, MAG 208 Small Projects Review



Dear Ms. Bauer:

CMX, LLC, has submitted a *MAG 208 Water Quality Management Plan Amendment Application for The Preserve at Goldfield Ranch Water Reclamation Facility, February 2008*, to Maricopa County Environmental Services Department (Department). The application is for a 0.40 MGD water reclamation facility (WRF) that will be located within the western half of Section 15, Township 3 North, Range 7 East. Effluent will be reused for irrigation to the maximum extent feasible and the balance will be recharged via injection wells to the fanconglomerate hydrogeologic unit that begins 750 feet below grade.

In accordance with the MAG Water Quality Management Plan, Section 4.5.2 (MAG Small Plant Process), this document was submitted to the Department for review and sponsorship, since the facility is located within an unincorporated area of Maricopa County, outside of any municipal planning area.

Based on a review of the proposed 208 MAG 208 Small Projects Review and Approval Report, the Department has determined that the proposed MAG 208 Amendment is acceptable and complies with the MAG 208 Areawide Water Quality Management Plan. The proposed WRF does not conflict with Maricopa County plans for the area.

The facilities are located within three miles of the Fort McDowell Yavapai Nation. The Nation has provided a letter dated September 24, 2007 stating that the application has too many discrepancies for it to provide a letter of no objection. Among other things, the Nation is concerned about the location of the recharge point and how the recharge might impact water quality in the Verde River. CMX has revised the application to address this issue and to reconcile planning data with the Master Wastewater Report Amendment for The Preserve at Goldfield Ranch (CMX 2008).

Please note that the Department has not reviewed, nor approved, the design of the facilities as part of the 208 Small Projects Review. Any technical issues that remain will need to be resolved during the design phase of the project. Approval to Construct (ATC) and Approval of Construction (AOC) must be obtained from this Department prior to start of construction and startup, respectively, of all treatment, discharge, recharge, and reuse facilities, including all conveyance facilities and final end user facilities.

Page 2 of 2
February 29, 2008
Ms. Lindy Bauer
The Preserve at Goldfield Ranch Water Reclamation Facility

If you have any questions or comments, please contact Mr. Kenneth James, PE, or me at 506-6666.

Sincerely,

A handwritten signature in black ink that reads "Kevin Chadwick". The signature is written in a cursive, flowing style.

Kevin Chadwick, P.E.
Division Manager

cc: Sheila Logan, CVL
Utilities Division - Engineering Section, Arizona Corporation Commission
File